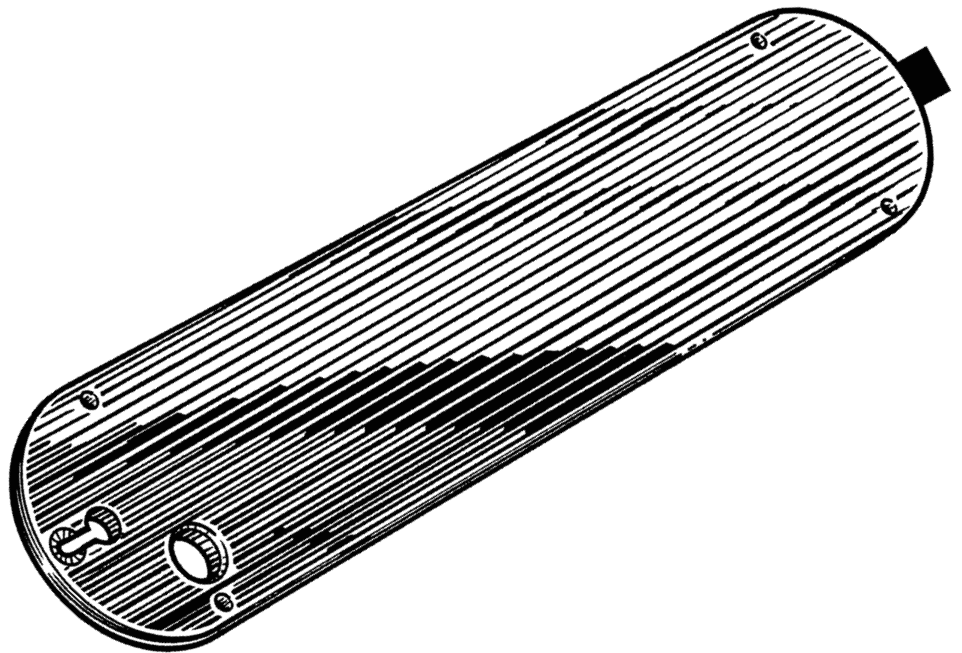


OPERATOR'S MANUAL

Zero Clearance Insert

AC1045

(For Use With Ridgid 10 in.
Table Saws TS3650
and TS2400LS)



Your Zero Clearance Insert has been engineered and manufactured to our high standards for dependability, ease of operation, and operator safety. When properly cared for, it will give you years of rugged, trouble-free performance.

⚠ WARNING:
To reduce the risk of injury, the user must read and understand the operator's manual before using this product.

Thank you for buying a RIDGID product.

SAVE THIS MANUAL FOR FUTURE REFERENCE

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INTRODUCTION

Your zero clearance insert has many features for making the use of this product more pleasant and enjoyable. Safety, performance, and dependability have been given top priority in the design of this product making it easy to maintain and operate.

WARNING:

Do not attempt to use this product until you read thoroughly and understand completely the operator's manual. Pay close attention to the safety rules, including Dangers, Warnings, and Cautions. If you use your product properly and only as intended, you will enjoy years of safe, reliable service.



Look for this symbol to point out important safety precautions. It means attention!!! Your safety is involved.

WARNING:



The operation of any tool can result in foreign objects being thrown into your eyes, which can result in severe eye damage. Before beginning operation, always wear safety goggles or safety glasses with side shields and a full face shield when needed. We recommend Wide Vision Safety Mask for use over eyeglasses or standard safety glasses with side shields. Always wear eye protection which is marked to comply with ANSI Z87.1.

RULES FOR SAFE OPERATION

Safe operation of this accessory requires that you read and understand this operator's manual, the operator's manual for the table saw and all labels affixed to the tool.

READ ALL INSTRUCTIONS

- **KNOW YOUR ACCESSORY.** Read the operator's manual carefully. Learn the product's applications and limitations as well as the specific potential hazards related to this product.
- **KEEP THE WORK AREA CLEAN.** Cluttered work areas and work benches invite accidents. **DO NOT** leave tools or pieces of wood on the saw while operating.
- **ALWAYS WEAR SAFETY GLASSES WITH SIDE SHIELDS.** Everyday eyeglasses have only impact-resistant lenses; they are **NOT** safety glasses.
- **DO NOT USE THIS PRODUCT WITH OTHER EQUIPMENT** or for other purposes.
- **ALWAYS DISCONNECT THE SAW FROM THE POWER SUPPLY BEFORE ASSEMBLING THIS KIT.** Make sure the switch is off when reconnecting the saw to a power supply.
- **BEFORE MAKING A CUT, BE SURE ALL ADJUSTMENTS ARE SECURE.**
- **MAKE SURE THE SAW BLADE OR DADO BLADE IS NOT IN CONTACT WITH THE INSERT BEFORE TURING THE SAW "ON".**
- **DO NOT ATTEMPT TO TILT THE ARBOR WHILE ANY BLADE IS IN THE INSERT.** The blade may bind, causing possible damage.

- **A SEPARATE ZERO CLEARANCE INSERT IS RECOMMENDED FOR EACH BLADE,** dado blade or different set-up.
- **SAVE THESE INSTRUCTIONS.** Refer to them frequently and use them to instruct other users. If you loan someone this product, also loan these instructions.

WARNING:

Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

- lead from lead-based paints,
- crystalline silica from bricks and cement and other masonry products, and
- arsenic and chromium from chemically-treated lumber.

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.

SYMBOLS

The purpose of safety symbols is to attract your attention to possible dangers. The safety symbols, and the explanations with them, deserve your careful attention and understanding. The safety warnings do not by themselves eliminate any danger. The instructions or warnings they give are not substitutes for proper accident prevention measures.

SYMBOL MEANING



DANGER: Indicates an imminently hazardous situation, which, if not avoided, will result in death or serious injury.



WARNING: Indicates a potentially hazardous situation, which, if not avoided, could result in death or serious injury.







CAUTION: Indicates a potentially hazardous situation, which, if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices that may cause property damage.

Note: Advises you of additional information concerning the operation or maintenance of the equipment.

SAFETY AND INTERNATIONAL SYMBOLS

This operator's manual describes safety and international symbols and pictographs that may appear on this product. Read the operator's manual for complete safety, assembly, operating and maintenance, and repair information.

| SYMBOL | NAME | MEANING |
|---|----------------------------|--|
|  | Wet Condition Alert | <ul style="list-style-type: none"> Do not expose to rain or use in damp locations. |
|  | No Hands Symbol | <ul style="list-style-type: none"> Failure to keep your hands away from the blade will result in serious personal injury. |
|  | Read the Operator's Manual | <ul style="list-style-type: none"> To reduce the risk of injury, the user must read and understand the operator's manual before using this product. |
|  | Eye Protection | <ul style="list-style-type: none"> Always wear safety goggles or safety glasses with side shields and a full face shield when operating this product. |

SAVE THESE INSTRUCTIONS

INSTALLATION

REMOVING THE EXISTING THROAT PLATE AND INSTALLING ZERO CLEARANCE INSERT FOR THROUGH CUTS

See Figures 1 and 2.

⚠ WARNING:

Never stand directly in line with the blade or allow hands to come closer than 3 in. to the blade. Do not reach over or across the blade. Failure to heed this warning can result in serious personal injury.

⚠ WARNING:

Make sure the switch is off and the plug is out of the outlet. Failure to do so could result in accidental starting, resulting in serious personal injury.

- Unplug the saw.
- Lower the blade completely then remove the blade guard assembly.
- Loosen flathead screw and remove the throat plate by lifting the front end of the throat plate and pulling it toward the front of the saw.

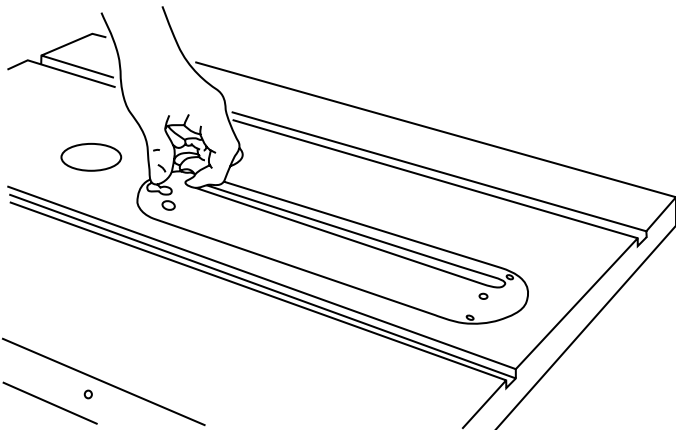


Fig. 1

- Position the zero clearance insert until the key slot drops over the flat head screw.
- The zero clearance insert should be flush with the table top. Adjust the four set screws as needed. (See Fig 2.)

NOTE: If necessary, adjust the side positioning set screw found on the edge of the zero clearance insert to eliminate side play. Tighten the flat head screw. Do not tighten the screw to the point where it deflects the zero clearance insert.

- Make sure blade guard is properly installed.
- Check all clearances for free blade rotation.
- Plug in the saw then turn the saw on.
- Slowly and cautiously raise the saw blade into the zero clearance insert.

⚠ WARNING:

The zero clearance insert must be even with the table surface. Inserts too high or low can let the workpiece "snag" or catch on uneven edges. Workpiece could twist and kickback and could result in injury.

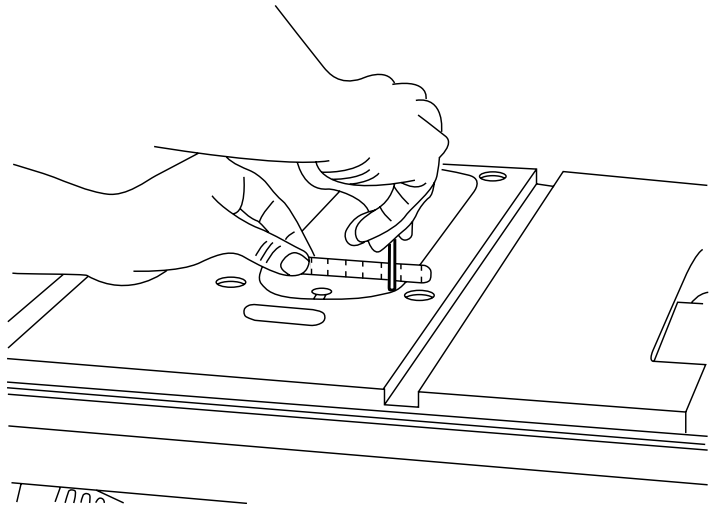


Fig. 2

INSTALLATION

INSTALLING ZERO CLEARANCE INSERT/ DADO SETS

See Figure 2.

WARNING:

Make sure the switch is off and the plug is out of the outlet. Failure to do so could result in accidental starting, resulting in serious personal injury.

NOTE: Before using the dado set read and understand the Safety and Operating instructions contained in the Operator's Manual furnished with your table saw and the instructions furnished with your dado blade set.

- Unplug the saw.
- Lower the dado blade completely.
- Position the zero clearance insert until the key slot drops over the flat head screw.
- The zero clearance insert should be flush with the table top. Adjust the four set screws as needed.

NOTE: If necessary, adjust the side positioning set screw found on the edge of the zero clearance insert to eliminate side play. Tighten the flat head screw. Do not tighten the screw to the point where it deflects the zero clearance insert.

- Check all clearances for free blade rotation.
 - Reconnect power to the saw
 - Turn the saw "ON".
 - Slowly and cautiously raise the dado blade into the zero clearance insert.
-

WARNING:

Never stand directly in line with the blade or allow hands to come closer than 3 in. to the blade. Do not reach over or across the blade. Failure to heed this warning can result in serious personal injury.

- Turn the saw "OFF" and unplug.
 - The blade guard assembly is not used for "non-through" cuts.
 - The table saw and zero clearance insert are now ready to use. When replacing the saw blade insert, always replace the blade guard assembly.
-

WARNING:

The zero clearance insert must be even with the table surface. Inserts too high or too low can cause the workpiece to "snag" or catch on uneven edges. Workpieces could twist and kickback and could result in injury.

USE

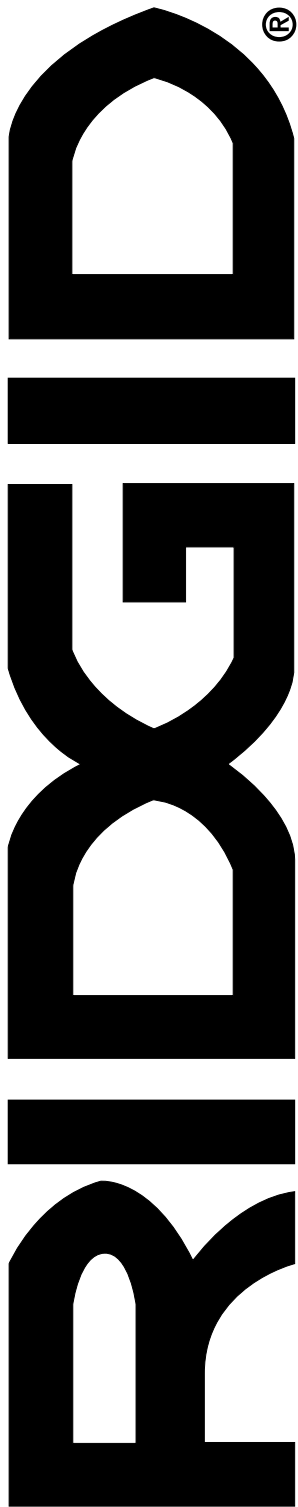
OPERATION TIPS

- Do not use the zero clearance insert for molding operations. Use the 10 in. Dado/Molding Insert (AC1040).
- The zero clearance insert supports the workpieces right next to the blade to help prevent chipping and splintering. It also prevents small pieces from becoming wedged between the blade and the large opening in a conventional metal table insert.
- For best results with any through cut, always adjust the blade depth to ensure the cut is 1/8 in.-1/4 in. higher than the workpiece.
- A separate zero clearance insert is recommended for each blade, dado blade, or different set-up.

WHEN MAKING BEVEL CUTS

- Install the zero clearance insert with the blade at 90°. See Installing "Removing The Existing Throat Plate And Installing Zero Clearance Insert For Through Cuts" section of this manual.

- Bevel the blade to the required setting.
- Slowly and cautiously raise the saw blade into the zero clearance insert.
- If using blade stabilizers, check for proper clearance before raising the saw blade.
- When using a dado set follow the procedures above. However, use additional caution due to the large amount of material being "cut-away" from the zero clearance insert.
- Check all clearances for free blade rotation.
- Never operate the saw without the proper insert installed.
- When replacing the saw blade and saw blade insert, always replace the blade guard for all through cuts.
- If burrs are present, remove them before continuing.



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Customer Service Information:

For parts or service, contact your nearest RIDGID authorized service center. Be sure to provide all relevant information when you call or visit. For the location of the authorized service center nearest you, please call 1-866-539-1710 or visit us online at www.ridgid.com.

When ordering repair parts, always give the following information:

Model No. AC1045